

**From:** john.smelko@cabotog.com  
**Sent:** 5/23/2012 9:47:01 PM  
**To:** "Richard Rupert/R3/USEPA/US" <Rupert.Richard@epamail.epa.gov>  
**CC:** "Rothschild, Lowell" <Lowell.Rothschild@bglp.com>  
**Subject:** Typical Marcellus Well Schematic

Rupert,

As you had previously requested, please find attached Cabot's typical Marcellus gas well schematic. While there may be occasions or reasons to modify this design based on operational or other drilling conditions and considerations in the future, this schematic currently represents Cabot's typical Marcellus well design. However, this schematic is not necessarily a model for all wells that Cabot has drilled in the past. Let me know if you have any questions or if you would like to discuss further.

Thanks,  
John

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